

UTILITY  
PATENT APPLICATION  
TRANSMITTAL

Attorney Docket No.

100/06110

First Inventor or Application Identifier

Wolk

Title

Alignment of Multicomponent Microfabricated...

Express Mail Label No.

EL544598396US

Only for new nonprovisional applications under 37 C.F.R. § 1.53(b)

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231☒ \*Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

7.

CD-ROM or CD-R in duplicate, large table of Contents  
Program (Appendix)2. Applicant claims small entity status  
See 37 CFR 1.27

8.

Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)3. ☒ Specification  
(preferred arrangement set forth below) Total Pages 19

a.

Computer Readable Copy

b.

Specification Sequence Listing on

i.

CD-ROM or CD-R (2 copies); or

ii.

Paper

c.

Statement verifying identity of above copies

- Descriptive title of the invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R&D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) Total Sheets 7☒ Oath or Declaration Total Pages 2

a. Newly executed (original or copy)

b. Unexecuted Oath or Declaration

c. ☒ Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 17 completed)

- DELETION OF INVENTOR(S)
- i. Signed statement attached deleting inventor(s)  
Named in the prior application, see 37 C.F.R.  
§§ 1.63(d)(2) and 1.33(b).

6. ☒ Application Data Sheet. See 37 CFR 1.76

## ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet &amp; document(s))

10. 37 C.F.R. §3.73(b) Statement Power of  
(when there is an assignee) Attorney

11. English Translation Document (if applicable)

12. ☒ Information Disclosure Statement Copies of IDS  
(IDS)/PTO-1449 Citations()

13. Preliminary Amendment

14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)15. Certified Copy of Priority Document(s)  
(if foreign priority is claimed)16. ☒ Other Request for Non-Publication17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76:

Continuation

☒

Divisional

Continuation-in-Part (CIP)

of prior application No: 09/291,808

Prior application information:

Examiner

Phasge

Group/Art Unit: 1741

For CONTINUATION OR DIVISIONAL only: The entire disclosure of the prior application, from which an oath or declaration is supplied under  
Box 5c, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by  
reference. The incorporation can be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 18. CORRESPONDENCE ADDRESS

☒

Customer Number or Bar Code Label

021569

or

Correspondence Address below

(Insert Customer No. or Attach bar code label here)

Name

Address

City

State

Zip Code

Country

Telephone

Fax

Name

Matthew B. Murphy

Registration No.

39,787

Signature

Date

9/28/01

## CERTIFICATE OF EXPRESS MAILING under 37 CFR 1.10

Express Mail Label No:

EL544598396US

Date of Deposit

September 28 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service  
under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, DC 20231.

Typed Name of Person Mailing Paper or Fee

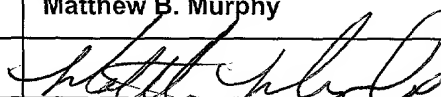
Michelle Chan

Signature

Michelle Chan

<b>FEE TRANSMITTAL</b> for FY 2001  <i>Patent fees are subject to annual revision</i>		<b>Complete if Known</b>	
		Application Number	
		Filing Date	<b>Herewith</b>
		First Named Inventor	<b>Wolk</b>
		Examiner Name	<b>Phasge</b>
		Group/Art Unit	<b>1741</b>
TOTAL AMOUNT OF PAYMENT	<b>\$710</b>	Attorney Docket No.	<b>100/06110</b>

<b>METHOD OF PAYMENT (check one)</b>		<b>FEE CALCULATION (continued)</b>																																																																																																																																																																																																	
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Acct. No. <b>03-0177</b> Deposit Acct. Name <b>Caliper Technologies Corp.</b> <input checked="" type="checkbox"/> 1.16 and 1.17 <input type="checkbox"/> 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27		3. <b>ADDITIONAL FEES</b> <table border="1"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2520</td><td>147</td><td>2520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1840*</td><td>113</td><td>1840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for response within first month</td><td></td></tr> <tr><td>116</td><td>390</td><td>216</td><td>195</td><td>Extension for response within second month</td><td></td></tr> <tr><td>117</td><td>890</td><td>217</td><td>445</td><td>Extension for response within third month</td><td></td></tr> <tr><td>118</td><td>1390</td><td>218</td><td>695</td><td>Extension for response within fourth month</td><td></td></tr> <tr><td>128</td><td>1890</td><td>228</td><td>945</td><td>Extension for response within fifth month</td><td></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1510</td><td>138</td><td>1510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1240</td><td>241</td><td>620</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1240</td><td>242</td><td>620</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>440</td><td>243</td><td>220</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>600</td><td>244</td><td>300</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>710</td><td>246</td><td>355</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>710</td><td>249</td><td>355</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>179</td><td>710</td><td>279</td><td>355</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td></td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td></td></tr> <tr> <td colspan="4"><b>SUBTOTAL (3)</b></td> <td></td> <td><b>\$0</b></td> </tr> </tbody> </table>		Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing cover sheet		139	130	139	130	Non-English specification		147	2520	147	2520	For filing a request for <i>ex parte</i> reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1840*	113	1840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for response within first month		116	390	216	195	Extension for response within second month		117	890	217	445	Extension for response within third month		118	1390	218	695	Extension for response within fourth month		128	1890	228	945	Extension for response within fifth month		119	310	219	155	Notice of Appeal		120	310	220	155	Filing a brief in support of an appeal		121	270	221	135	Request for oral hearing		138	1510	138	1510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1240	241	620	Petition to revive - unintentional		142	1240	242	620	Utility issue fee (or reissue)		143	440	243	220	Design issue fee		144	600	244	300	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		126	240	126	240	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)		146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))		149	710	249	355	For each additional invention to be examined (37 CFR 1.129(b))		179	710	279	355	Request for Continued Examination (RCE)		169	900	169	900	Request for expedited examination of a design application		Other fee (specify) _____						Other fee (specify) _____						<b>SUBTOTAL (3)</b>					<b>\$0</b>
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																														
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																																															
127	50	227	25	Surcharge - late provisional filing cover sheet																																																																																																																																																																																															
139	130	139	130	Non-English specification																																																																																																																																																																																															
147	2520	147	2520	For filing a request for <i>ex parte</i> reexamination																																																																																																																																																																																															
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																															
113	1840*	113	1840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																															
115	110	215	55	Extension for response within first month																																																																																																																																																																																															
116	390	216	195	Extension for response within second month																																																																																																																																																																																															
117	890	217	445	Extension for response within third month																																																																																																																																																																																															
118	1390	218	695	Extension for response within fourth month																																																																																																																																																																																															
128	1890	228	945	Extension for response within fifth month																																																																																																																																																																																															
119	310	219	155	Notice of Appeal																																																																																																																																																																																															
120	310	220	155	Filing a brief in support of an appeal																																																																																																																																																																																															
121	270	221	135	Request for oral hearing																																																																																																																																																																																															
138	1510	138	1510	Petition to institute a public use proceeding																																																																																																																																																																																															
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																																																															
141	1240	241	620	Petition to revive - unintentional																																																																																																																																																																																															
142	1240	242	620	Utility issue fee (or reissue)																																																																																																																																																																																															
143	440	243	220	Design issue fee																																																																																																																																																																																															
144	600	244	300	Plant issue fee																																																																																																																																																																																															
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																															
123	50	123	50	Petitions related to provisional applications																																																																																																																																																																																															
126	240	126	240	Submission of Information Disclosure Stmt																																																																																																																																																																																															
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																															
146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																															
149	710	249	355	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																															
179	710	279	355	Request for Continued Examination (RCE)																																																																																																																																																																																															
169	900	169	900	Request for expedited examination of a design application																																																																																																																																																																																															
Other fee (specify) _____																																																																																																																																																																																																			
Other fee (specify) _____																																																																																																																																																																																																			
<b>SUBTOTAL (3)</b>					<b>\$0</b>																																																																																																																																																																																														
2. Payment Enclosed <input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other																																																																																																																																																																																																			
<b>FEE CALCULATION</b>																																																																																																																																																																																																			
1. <b>BASIC FILING FEE</b> <table border="1"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>01</td><td>710</td><td>201</td><td>355</td><td>Utility filing fee</td><td>710</td></tr> <tr><td>06</td><td>320</td><td>206</td><td>160</td><td>Design filing fee</td><td></td></tr> <tr><td>07</td><td>490</td><td>207</td><td>245</td><td>Plant filing fee</td><td></td></tr> <tr><td>08</td><td>710</td><td>208</td><td>355</td><td>Reissue filing fee</td><td></td></tr> <tr><td>14</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td></td></tr> <tr><td colspan="5"><b>SUBTOTAL (1)</b></td><td><b>710</b></td></tr> </tbody> </table>		Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	01	710	201	355	Utility filing fee	710	06	320	206	160	Design filing fee		07	490	207	245	Plant filing fee		08	710	208	355	Reissue filing fee		14	150	214	75	Provisional filing fee		<b>SUBTOTAL (1)</b>					<b>710</b>																																																																																																																																																								
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																														
01	710	201	355	Utility filing fee	710																																																																																																																																																																																														
06	320	206	160	Design filing fee																																																																																																																																																																																															
07	490	207	245	Plant filing fee																																																																																																																																																																																															
08	710	208	355	Reissue filing fee																																																																																																																																																																																															
14	150	214	75	Provisional filing fee																																																																																																																																																																																															
<b>SUBTOTAL (1)</b>					<b>710</b>																																																																																																																																																																																														
2. <b>EXTRA CLAIM FEES</b> <table border="1"> <thead> <tr> <th>Total claims</th> <th>Extra claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>-20** =</td> <td>x</td> <td></td> <td></td> </tr> <tr> <td>Independent Claims -3** =</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Total claims	Extra claims	Fee from below	Fee Paid	-20** =	x			Independent Claims -3** =				Multiple Dependent																																																																																																																																																																																					
Total claims	Extra claims	Fee from below	Fee Paid																																																																																																																																																																																																
-20** =	x																																																																																																																																																																																																		
Independent Claims -3** =																																																																																																																																																																																																			
Multiple Dependent																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td></tr> <tr><td>102</td><td>80</td><td>202</td><td>40</td><td>Independent claims in excess of 3</td></tr> <tr><td>104</td><td>270</td><td>204</td><td>135</td><td>Multiple dependent claims, if new</td></tr> <tr><td>109</td><td>80</td><td>209</td><td>40</td><td>**Reissue independent claims over original patent</td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>**Reissue claims in excess of 20 and over original patent</td></tr> <tr><td colspan="5"><b>SUBTOTAL (2)</b></td><td><b>0</b></td></tr> </tbody> </table>		Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	103	18	203	9	Claims in excess of 20	102	80	202	40	Independent claims in excess of 3	104	270	204	135	Multiple dependent claims, if new	109	80	209	40	**Reissue independent claims over original patent	110	18	210	9	**Reissue claims in excess of 20 and over original patent	<b>SUBTOTAL (2)</b>					<b>0</b>																																																																																																																																																														
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description																																																																																																																																																																																															
103	18	203	9	Claims in excess of 20																																																																																																																																																																																															
102	80	202	40	Independent claims in excess of 3																																																																																																																																																																																															
104	270	204	135	Multiple dependent claims, if new																																																																																																																																																																																															
109	80	209	40	**Reissue independent claims over original patent																																																																																																																																																																																															
110	18	210	9	**Reissue claims in excess of 20 and over original patent																																																																																																																																																																																															
<b>SUBTOTAL (2)</b>					<b>0</b>																																																																																																																																																																																														
**or number previously paid, if greater; For Reissues, see above		*Reduced by Basic Filing Fee Paid																																																																																																																																																																																																	

<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>	
Typed or Printed Name	<b>Matthew B. Murphy</b>	Reg. Number	<b>39,787</b>
Signature		Date	<b>9/28/01</b>
		Deposit Account User ID	<b>03-0177</b>

<b>CERTIFICATE OF EXPRESS MAIL under 37 CFR 1.10</b>	
Express Mail Label No: <b>EL544598396US</b>	Date of Deposit <b>September 28, 2001</b>
I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, DC 20231.	
Signature <b>Michelle Chan</b>	Typed Name of Person Mailing Paper or Fee <b>Michelle Chan</b>

**REQUEST AND CERTIFICATION  
UNDER  
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor **Jeffrey A. Wolk**

Title **Alignment of Multicomponent ...**

Atty Docket Number **100706110**

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

9/28/01

Date



Signature

Matthew B. Murphy, Reg. No. 39,787

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**